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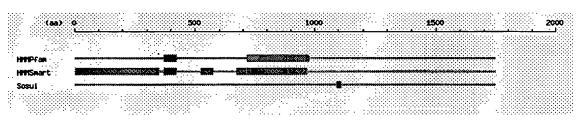
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(71) 出願人(米国を除く全ての指定国について): 財団法 人かずさディー・エヌ・エー研究所(KAZUSA DNA RESEARCH INSTITUTE FOUNDATION) [JP/JP]; 〒 2920812 千葉県木更津市かずさ鎌足二丁目6番地 7 Chiba (JP). 財団法人先端医療振興財団 (FOUNDATION FOR BIOMEDICAL RESEARCH AND INNOVATION) [JP/JP]; 〒6500047 兵庫県神戸市中央区港島南町 2 丁目 2 Hyogo (JP).

- (72) 発明者: および
- (75) 発明者/出願人 (米国についてのみ): 古閑比佐志 (KOGA, Hisashi) [JP/JP]; 〒2920812 千葉県木更津市かずさ鎌足二丁目 6番地7 かずさディー・エヌ・エー研究所内 Chiba (JP). 小原收 (OHARA, Osamu) [JP/JP]; 〒2920812 千葉県木更津市かずさ鎌足二丁目 6番地7 かずさディー・エヌ・エー研究所内 Chiba (JP). 古関明彦 (KOSEKI, Haruhiko) [JP/JP]; 〒2300045 神奈川県横浜市鶴見区末広町 1-7-22 理化学研究所横浜研究所内 Kanagawa (JP). 岡田 光浩 (OKADA, Mitsuhiro) [JP/JP]; 〒6500047 兵庫県神戸市中央区港島南町2丁目2 財団法人先端医療振興財団内 Hyogo (JP). 植村明嘉 (UEMURA, Akiyoshi) [JP/JP]; 〒6500047 兵庫県神戸市中央区港島南町2丁目2 財団法人先端医療振興財団内 Hyogo (JP). 並川 宏樹 (ARAKAWA, Hiroki) [JP/JP]; 〒0620009 北海道札幌市豊平区美園9条2丁

[続葉有]

- (54) Title: NOVEL PLEXIN POLYPEPTIDE, DNA ENCODING THE SAME AND USE THEREOF
- (54) 発明の名称: 新規PlexinポリペプチドとそれをコードするDNA、及びその用途



(57) Abstract: [PROBLEMS] To provide a novel DNA which is useful in, for example, screening a preventive, a remedy or a test reagent relating to angiogenesis and conservation of the functions thereof in various organs, angiogenesis in various organs, cancers and organ regeneration, cell proliferation/differentiation and conservation of the functions thereof in various organs, aging and dysfunction; a gene containing this DNA; a novel polypeptide encoded by the DNA; a recombinant protein containing the polypeptide; and-an-antibody-against the novel polypeptide. [MEANS FOR SOLVING PROBLEMS] A DNA comprising a base sequence encoding the following polypeptide (a) or (b): (a) a polypeptide comprising the full length of an amino acid sequence or a part thereof which is the same or substantially the same as an amino acid sequence represented by SEQ ID NO:1, SEQ ID NO:15 or SEQ ID NO:18;-and-(b) a polypeptide comprising an amino acid sequence derived from an amino acid sequence represented by SEQ ID NO:1, SEQ ID NO:15 or SEQ ID NO:1, SEQ ID NO:15 or SEQ ID NO:18 by deletion, substitution or addition of a part of the amino acids and having a biological activity-substantially equivalent to the polypeptide (a).

○ (57) 要約:-【課題】各種職器の於ける血管新生やその機能保全に、各種職器あるいは癌や臓器再生時の血管新生に、各種職器の細胞の増殖・分化やその機能保全に、あるいは老化、機能不全に関わる予防薬、治療薬、または検査・デのスケリーニング等に有用な新規DNA及び該DNAを含む遺伝子、該DNAにコードされる新規ポリペプチドの及び該ポリペプチドを含む組換え蛋白質、新規ポリペプチドに対する抗体を提供すること。 【解決手段】 以下の □ (a) □ 又は (b) のポリペプチドをコードする塩基配列から成るDNA: (a) 配列番号: 1、配列番号 15又は配列番号 18で示されるアミノ酸配列と同一又は実質的に同一のアミノ酸配列の一部又は全部から成るポリペプチド、(b) 配列番号: 1、配列番号 15又は配列番号 18で示されるアミノ酸配列において、一部のアミノ酸が欠失、置換又は付加されたアミノ酸配列から成り、 (a) のポリペプチドと実質的に同質の生物学的活性を有するポリペプチド。



- 目3-1 O Hokkaido (JP). 多田光宏 (TADA, Mitsuhiro) [JP/JP]; 〒0640919 北海道札幌市中央区南 1 9 条西 9 丁目 1-3 7 Hokkaido (JP).
- (74) 代理人: 阿部 正博 (ABE, Masahiro); 〒2740825 千葉 県船橋市前原西二丁目 1 4 番 1 号 ダイアパレス津 田沼 1 0 0 1 号 Chiba (JP).
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- (84) 指定国(表示のない限り、全ての種類の広域保護が可能): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), ユーラシア (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

添付公開書類:

- 一 国際調査報告書
- 電子形式により別個に公開された明細書の配列表部分、請求に基づき国際事務局から入手可能

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